

## Listbox.aspx

```
<%@ Page Language="VB" AutoEventWireup="true" CodeFile="listbox.aspx.vb"
Inherits="listbox" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Programming Languages Info</title>
    <style>
        body {
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
            background-color: #f0f4f8;
            margin: 0;
            padding: 40px;
            text-align: center;
        }
        .container {
            background-color: white;
            padding: 30px;
            margin: auto;
            width: 400px;
            border-radius: 10px;
            box-shadow: 0 4px 10px rgba(0,0,0,0.1);
        }
    </style>
</head>
<body>
    <div class="container">
        <h1>Programming Languages Info</h1>
        <p>This page displays a list of programming languages and their details.</p>
        <table border="1">
            <thead>
                <tr>
                    <th>Language Name</th>
                    <th>Type</th>
                    <th>Year Started</th>
                    <th>Creator</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Java</td>
                    <td>Object-oriented</td>
                    <td>1995</td>
                    <td>James Gosling</td>
                </tr>
                <tr>
                    <td>Python</td>
                    <td>General-purpose</td>
                    <td>1991</td>
                    <td>Guido van Rossum</td>
                </tr>
                <tr>
                    <td>C++</td>
                    <td>Object-oriented</td>
                    <td>1983</td>
                    <td>Bjarne Stroustrup</td>
                </tr>
                <tr>
                    <td>C</td>
                    <td>General-purpose</td>
                    <td>1972</td>
                    <td>Dennis Ritchie</td>
                </tr>
                <tr>
                    <td>JavaScript</td>
                    <td>Scripting</td>
                    <td>1995</td>
                    <td>Brendan Eich</td>
                </tr>
                <tr>
                    <td>Go</td>
                    <td>General-purpose</td>
                    <td>2007</td>
                    <td>Rob Pike, Ken Thompson, Robert Griesemer</td>
                </tr>
                <tr>
                    <td>Rust</td>
                    <td>System programming</td>
                    <td>2010</td>
                    <td>Rob Lee, Graydon Hoare, Matus Bencze</td>
                </tr>
                <tr>
                    <td>TypeScript</td>
                    <td>Object-oriented</td>
                    <td>2012</td>
                    <td>Anders Hejlsberg</td>
                </tr>
                <tr>
                    <td>Julia</td>
                    <td>Numerical computing</td>
                    <td>2009</td>
                    <td>Jeff Bezanson, Alan Edelman, Stefan Karpinski</td>
                </tr>
                <tr>
                    <td>Kotlin</td>
                    <td>General-purpose</td>
                    <td>2011</td>
                    <td>Igor Minar</td>
                </tr>
            </tbody>
        </table>
        <p>The table above lists ten popular programming languages. Java and Python are general-purpose languages used across various domains. C++ is also a general-purpose language but is often used in system and game development. C is a general-purpose language that serves as a foundation for many others. JavaScript is a scripting language primarily used for web development. Go, Rust, and TypeScript are relatively newer languages designed to address specific challenges in modern software development. Julia is a numerical computing language. Kotlin is a general-purpose language developed by JetBrains and is fully interoperable with Java. Each language has its unique features and is used in different contexts by developers around the world.</p>
    </div>
</body>

```

```
h2 {  
    color: #333;  
}  
  
select, .aspNet-ListBox {  
    font-size: 16px;  
    padding: 8px;  
    width: 100%;  
    margin-bottom: 20px;  
}  
  
.aspNet-Label {  
    font-size: 16px;  
    color: #0056b3;  
    display: block;  
    margin-top: 20px;  
}  
  
</style>  
</head>  
<body>  
    <form id="form1" runat="server">  
        <div class="container">  
            <h2>Select a Programming Language</h2>  
            <asp:ListBox ID="ListBoxLanguages" runat="server" AutoPostBack="True"  
                OnSelectedIndexChanged="ListBoxLanguages_SelectedIndexChanged"  
                CssClass="aspNet-ListBox" Rows="9">
```

```

<asp:ListItem>Java</asp:ListItem>
<asp:ListItem>JavaScript</asp:ListItem>
<asp:ListItem>C#</asp:ListItem>
<asp:ListItem>C</asp:ListItem>
<asp:ListItem>PYTHON</asp:ListItem>
<asp:ListItem>SQL</asp:ListItem>
<asp:ListItem>HTML</asp:ListItem>
<asp:ListItem>Css</asp:ListItem>
<asp:ListItem>php</asp:ListItem>
</asp:ListBox>
<asp:Label ID="Label1Intro" runat="server" CssClass="aspNet-Label" Font-Bold="True"></asp:Label>
</div>
</form>
</body>
</html>

```

## Listbox.aspx.vb

Partial Class listbox

Inherits System.Web.UI.Page

```

Protected Sub ListBoxLanguages_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ListBoxLanguages.SelectedIndexChanged
    Dim selectedLang As String = ListBoxLanguages.SelectedItem.Text
    Dim languageInfo As New Dictionary(Of String, String) From {
        {"Java", "Java is a high-level, general-purpose, object-oriented programming language."},
        {"JavaScript", "JavaScript is used in Web Application"},

    
```

```

    {"C#", "C# is a high-level programming language developed by Microsoft."},
    {"C", "C is a general-purpose procedural programming language."},
    {"PYTHON", "Python is known for its simplicity and readability."},
    {"SQL", "SQL is used to manage and query data in relational databases."},
    {"HTML", "HTML is the language used to create webpages."},
    {"Css", "CSS is used to style HTML documents."},
    {"php", "PHP is a server-side scripting language mainly used for web development."}
}

}

```

```

If languageInfo.ContainsKey(selectedLang) Then
    LabelIntro.Text = languageInfo(selectedLang)
Else
    LabelIntro.Text = "No information available."
End If
End Sub
End Class

```

## DynamicTable.aspx

```
<%@ Page Language="VB" AutoEventWireup="true" CodeFile="DynamicTable.aspx.vb"
Inherits="DynamicTable" %>
```

```

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Dynamic Table Generator</title>
    <style type="text/css">
```

```
body {  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    background-color: #f9faff;  
    padding: 40px;  
    display: flex;  
    justify-content: center;  
}
```

```
.container {  
    background: white;  
    padding: 30px 40px;  
    border-radius: 12px;  
    box-shadow: 0 6px 15px rgba(0, 0, 0, 0.1);  
    width: 460px;  
}
```

```
.controls {  
    margin-bottom: 30px;  
    display: flex;  
    flex-direction: column;  
    gap: 15px;  
}
```

```
.control-group {  
    display: flex;  
    align-items: center;
```

```
    gap: 10px;  
}  
  
  
label {  
    font-weight: 600;  
    color: #333;  
    min-width: 130px;  
}  
  
  
select {  
    padding: 7px 12px;  
    border-radius: 6px;  
    border: 1.8px solid #ccc;  
    font-size: 15px;  
    transition: border-color 0.3s ease;  
    cursor: pointer;  
    min-width: 70px;  
}  
  
select:hover, select:focus {  
    border-color: #007bff;  
    outline: none;  
}  
  
  
input[type="submit"], button, asp\:Button {  
    background-color: #007bff;  
    border: none;
```

```
padding: 10px 25px;  
font-size: 16px;  
color: white;  
border-radius: 8px;  
cursor: pointer;  
transition: background-color 0.3s ease;  
align-self: flex-start;  
}  
  
input[type="submit"]:hover, button:hover, asp\:Button:hover {  
background-color: #0056b3;  
}  
  
table.table-style {  
width: 100%;  
border-collapse: collapse;  
margin-top: 20px;  
border-radius: 10px;  
overflow: hidden;  
box-shadow: 0 4px 8px rgba(0,0,0,0.15);  
}  
  
table.table-style td {  
padding: 12px 16px;  
border: 1px solid #ddd;  
text-align: center;  
font-size: 16px;  
color: #444;
```

```
}

table.table-style tr:last-child td {

    background-color: #f3f3f3;

    font-weight: 700;

    color: #555;

}

</style>

</head>

<body>

<form id="form1" runat="server">

    <div class="container">

        <div class="controls">

            <div class="control-group">

                <label for="ddlRows">Number of Rows:</label>

                <asp:DropDownList ID="ddlRows" runat="server" CssClass="ddl"
AutoPostBack="false">

                    <asp:ListItem Text="1" Value="1"></asp:ListItem>

                    <asp:ListItem Text="2" Value="2"></asp:ListItem>

                    <asp:ListItem Text="3" Value="3"></asp:ListItem>

                    <asp:ListItem Text="4" Value="4"></asp:ListItem>

                    <asp:ListItem Text="5" Value="5"></asp:ListItem>

                </asp:DropDownList>

            </div>

            <div class="control-group">

                <label for="ddlColumns">Number of Columns:</label>
```

```

<asp:DropDownList ID="ddlColumns" runat="server" CssClass="ddl"
AutoPostBack="false">

    <asp:ListItem Text="1" Value="1"></asp:ListItem>
    <asp:ListItem Text="2" Value="2"></asp:ListItem>
    <asp:ListItem Text="3" Value="3"></asp:ListItem>
    <asp:ListItem Text="4" Value="4"></asp:ListItem>
    <asp:ListItem Text="5" Value="5"></asp:ListItem>

</asp:DropDownList>

</div>

<asp:Button ID="btnGenerate" runat="server" Text="Generate Table"
OnClick="btnGenerate_Click" />

</div>

<div id="tableContainer" runat="server"></div>

</div>

</form>

</body>

</html>

```

## **DynamicTable.aspx.vb**

Partial Class DynamicTable

Inherits System.Web.UI.Page

```
Protected Sub btnGenerate_Click(sender As Object, e As EventArgs) Handles
btnGenerate.Click
```

```
    Dim rows As Integer = Integer.Parse(ddlRows.SelectedValue)
```

```
    Dim columns As Integer = Integer.Parse(ddlColumns.SelectedValue)
```

```
tableContainer.Controls.Clear()

If rows > 0 AndAlso columns > 0 Then

    Dim table As New Table()
    table.CssClass = "table-style"

    For i As Integer = 1 To rows

        Dim tr As New TableRow()
        If i = rows Then
            tr.CssClass = "last-row"
        End If

        For j As Integer = 1 To columns

            Dim td As New TableCell()

            If j = 1 Then
                Dim ddlLanguage As New DropDownList()
                ddlLanguage.Items.Add(New ListItem("Urdu", "urdu"))
                ddlLanguage.Items.Add(New ListItem("English", "english"))
                ddlLanguage.Items.Add(New ListItem("Arabic", "arabic"))
                ddlLanguage.Items.Add(New ListItem("Chinese", "chinese"))
                td.Controls.Add(ddlLanguage)
            Else
                i = rows
                Dim radioName As String = "radio-" & j.ToString()
            End If
        Next j
    Next i
End If
```

```
For k As Integer = 1 To 4  
    Dim radio As New RadioButton()  
    radio.Text = k.ToString()  
    radio.GroupName = radioName  
  
    td.Controls.Add(radio)  
    td.Controls.Add(New LiteralControl(" "))  
    Next  
  
Else  
    td.Text = "{" & i.ToString() & ", " & j.ToString() & "}"  
    End If  
  
    tr.Cells.Add(td)  
    Next  
  
    table.Rows.Add(tr)  
    Next  
  
    tableContainer.Controls.Add(table)  
End If  
End Sub  
End Class
```